

Dear John,

STATINTL

Please find enclosed a copy of the letter we discussed during our telephone conversation this morning and a copy of my reply [redacted]

STATINTL

I discussed [redacted] the trouble you are having with your equipment and he suggested you might care to try the following Power Supply chassis set up procedure.

STATINTL

Check the 9 volts supply and, if it is within tolerance ( $\pm$  .75 v) set the 2V line to exactly 2/9 of the 9 volt supply reading.

STATINTL

Sincerely yours,

[redacted]

AL:raw

Enclosures

Declass Review by NIMA/DOD

Dear John,

STATINTL

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Just after the other letter had been typed up I received another letter

He states that the Dataphone equipment will not include full comprehensive ternary check. They do recommend that Input Check be included and they will be supplying this.

He is quite certain that the delivery date he quoted you will be met. The only reason this could be delayed is if you visit in September as suggested and, as a result of discussions with our engineers, you bring in changes on the equipment.

STATINTL

Very truly yours,



AL:raw

C O P Y

July 19, 1963

STATINTL



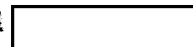
Ref. Dataphone Readout Selector Unit

STATINTL

Dear



Thank you for your letter of July 12th. I phoned



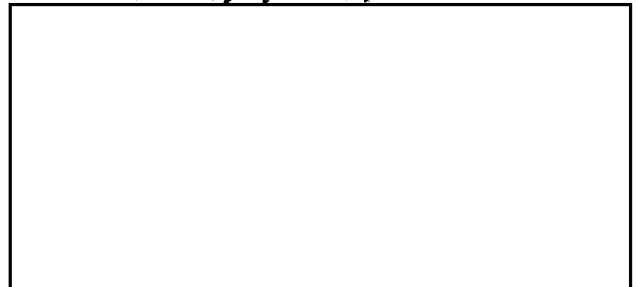
STATINTL

He stated that the actual wiring of the switch would depend on and he didn't know off hand if the twelfth tag would be wired in or not. Information will not be required from this position and if it is wired in, the wiring can be removed.

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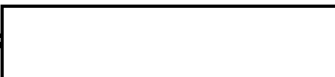
Sincerely yours,



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STATINTL

cc:



*BEST COPY*  
*Available*

Thank you for your letter of July 5th.

As you say, we seem to have reached stalemate on this question of E.O.T. I will try now to give all the facts which led me to enquire in the first place.

In Appendix A of the original "Design Parameters" it states "E.O.T. must be placed on one of the 12 position rotary switches ----" This meant that the rotary switches could each be set in one of the 12 positions, namely 0 - 9, minus (-), and E.O.T.

In a later communication [redacted] dated 31st October, 1962, it states

"due to request of other manufacturers, it is acceptable to us that E.O.T. be replaced on the 12 position rotaries by space and the position of E.O.T. be fixed rather than variable ----"

As I see it, this second statement can mean one of two things:-

1. That the rotaries can each be set to one of eleven meaningful positions, 0 - 9 and minus (-). The twelfth tag on the switch will in this case have no connection made to it and when any of the switches are turned to this last position, the equipment will transmit zeroes in the bit intervals 2<sup>0</sup> - 2<sup>6</sup> and a one in the parity bit 2<sup>7</sup> for that character.
2. That the rotaries can each be set to one of the twelve meaningful positions, 0 - 9, minus (-) and SPACE. The twelfth tag on the switch will have a connection to it in this case, and when any of the switches are turned to this last position, the equipment will transmit a code meaning "SPACE" in the bit intervals

2/-----

- 2 -



STATINTL

$2^0 - 2^5$  and a parity bit depending on the code for that character.

The whole issue resolves itself into a matter of whether or not there is a wire connected to the twelfth tag on each of the rotaries.


In the design as it stands at present I have assumed that the first interpretation is correct, but would prefer confirmation on this point.

I hope this covers it sufficiently for you to give me a definite reply. Please accept my apologies for all the trouble I have put you to.

Yours sincerely,



STATINTL

*the address is not as is shown at the head of his letter  
but is the actual*  *S.*

ILLEGIB